

CS 212 – Fall 2020 – Project 1

Assigned: 30 September 2020
Due: 9 October 2020
Cutoff: 14 October 2020

Read from a file that contains a paragraph of words. Put all the words in an array, put the valid words (words that have only letters) in a second array, and put the invalid words in a third array. Sort the array of valid words using Selection Sort. Create a GUI to display the arrays using a GridLayout with one row and three columns.

The input file

Each line of the input file will contain a sentence with words separated by one space. Read a line from the file and use a StringTokenizer to extract the words from the line.

An example of the input file would be:

```
Mary had a little lamb  
Whose fl33ce was white as sn0w.
```

Submitting the Project.

You should have two files to submit for this project:

```
Project1.java  
WordGUI.java
```

Upload your project to Blackboard by the due date for full credit.